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C. IMAGE DEGRADATIONS:

ADVANCE CY
SANITIZED
WITH TEXT

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1. Chlorophyll
 2. Carotenoids
 3. Xanthophylls
 4. Anthocyanins
 5. Flavonoids
 6. Alkaloids
 7. Glycosides
 8. Terpenoids
 9. Phenols
 10. Essential oils
 11. Resins
 12. Gums
 13. Starch
 14. Cellulose
 15. Lignin
 16. Proteins
 17. Nucleic acids
 18. Minerals
 19. Water
 20. Vitamins

-2-

IMAGED APPROXIMATELY 0.5 INCH AFTER THE TRUE IMAGE THROUGH-
OUT THE MISSION. THIS IS APPARENTLY THE RESULT OF THE IMAGE
FORMING LIGHT, REFLECTING OFF THE EDGE OF THE SLIT. IN SOME
INSTANCES THESE SECONDARY IMAGES DEGRADE THE IMAGERY.

(2) AFT CAMERA (I7): TWO SEPARATE LIGHT LEAK INDUCED FOG
PATTERNS ARE APPARENT AT THE BEGINNING OF THE MISSION. THE FIRST
IS A VERY DENSE SPLASH OF FOG WHICH APPEARS APPROXIMATELY EVERY
48 INCHES ON THE FIRST NINE FRAMES AND CORRESPONDS TO THE PATTERN
NOTED ON THE FWD CAMERA. THE SECOND PATTERN IS OF MODERATE
DENSITY AND AFFECTS APPROXIMATELY TWO THIRDS OF THE ENTIRE FILM

PAGE 4 RUEADJU 100 S E C R E T

WEB, EMINATING FROM THE NON TITLED EDGE TOWARD CENTER FORMAT. THE
REMAINING ONE THIRD OF THE FILM WEB ALSO IS AFFECTED BUT TO A LESSER
DEGREE. THIS PATTERN IS MOST NOTICABLE ON THE FIRST 41 FRAMES,
HOWEVER, A DENSITY DIFFERENCE CAN BE DETECTED IN THE BORDER AREAS
AS LATE AS FRAME 180. BOTH OF THESE LIGHT LEAKS HAVE A DEGRADING
EFFECT ON THE IMAGERY. BANDING IS APPARENT FOR THE FIRST TWO INCHES
AT THE TAKE UP END OF EACH FRAME OF THE MISSION. FRAMES 996 THRU
1012 CONTAIN FOG PATTERNS ASSOCIATED WITH CAMERA SHUT DOWN.
A MINUS DENSITY LINE PARALLEL TO THE MAJOR AXIS AND LOCATED
0.4 INCHES FROM THE UNTITLED EDGE IS PRESENT THROUGHOUT THE
MISSION. THE PROBABLE CAUSE IS FOREIGN MATTER IN THE SLIT
APERTURE. THE SECONDARY IMAGES MENTIONED FOR THE FORWARD
CAMERA ARE PRESENT IN THIS UNIT ALSO. IN SOME CASES THE
SECONDARY IMAGES DEGRADE THE PRIMARY IMAGERY.

D. PHYSICAL DEGRADATIONS: RAIL SCRATCHES ARE PRESENT IN THE
BORDER AREAS, ALONG THE MAJOR AXIS, OF THE FILM FROM BOTH CAMERAS.
SEVEN HEAT SPLICES ARE PRESENT IN THE MISSION MATERIAL OF BOTH
CAMERAS.

E. AUXILIARY DATA: THE FREQUENCY MARKS AND TIME WORDS WERE NOT
IMAGED ON EITHER CAMERA RECORD. THE FRAME COUNTER AND SERIAL NUMBER

PAGE 5 RUEADJU 100 S E C R E T
FUNCTIONED PROPERLY.

F. OTHER:

(1) FWD CAMERA (I8): THE FRAME COUNTER READS 36 FOR THE
TITLED FRAME 001. THE LAST TITLED FRAME IS 1013, FRAME COUNTER
1048.

(2) AFT CAMERA (I7): THE FRAME COUNTER READS 45 FOR
THE TITLED FRAME 009 (THE FIRST TITLED FRAME). THE PROCESSING
FACILITY TITLED THIS MATERIAL IN THIS MANNER SO THAT THE TITLED
FRAMES AND FRAME COUNTERS WOULD CORRELATE FOR BOTH CAMERAS.
LAST TITLED FRAME IS 1012, FRAME COUNTER 1047.

4. POSITIVES:

A. PRINTING AND PROCESSING ARE GOOD.

GP-1

S E C R E T

END OF MESSAGE